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APR 2 0 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/679.963

Applicants Filed

Gene Mason et al. October 6, 2003

TC/A.U.

3736

Examiner

Matthew J. Kremer

Title

OPTICAL PROBE

INCLUDING

PREDETERMINED

EMISSION WAVELENGTH **BASED ON PATIENT TYPE**

Docket No. :

Cust. No.

20,995

MASIMO.353A

Box AF

Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION **DATED DECEMBER 23, 2004**

Sir:

In response to the Office action of December 23, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

Confirmation No.

3580

Certificate Of Fax Transmission

I hereby certify that this correspondence and all marked attachments are being transmitted via facsimile to the USPTO Central Fax No. (703) 872-9306 on the date shown below:

> March 23, 2005 -(Date)

M_Grover, Reg. No. 42,610